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## NiceZyme View of ENZYME: EC 3.5.1.81

<b>Official Name</b>	
N-acyl-D-amino-acid deacylase.	
<b>Alternative Name(s)</b>	
D-aminoacylase.	
<b>Reaction catalysed</b>	
N-acyl-D-amino acid + H(2)O <=> an acid + D-amino acid	
<b>Cofactor(s)</b>	
Zinc.	
<b>Comments</b>	
<ul style="list-style-type: none"> <li>Has a wide specificity; hydrolyzes N-acyl derivative of neutral D-amino acids.</li> <li>Used in separating D- and L-amino acids.</li> </ul>	
<b>Cross-references</b>	
BRENDA	<a href="#">3.5.1.81</a>
EMP/PUMA	<a href="#">3.5.1.81</a>
WIT	<a href="#">3.5.1.81</a>
Kyoto University LIGAND chemical database	<a href="#">3.5.1.81</a>
IUBMB Enzyme Nomenclature	<a href="#">3.5.1.81</a>
IntEnz	<a href="#">3.5.1.81</a>
MEDLINE	<a href="#">Find literature relating to 3.5.1.81</a>
Swiss-Prot	<a href="#">P72349</a> , NDAD_ALCXX;

*[View entry in original ENZYME format](#)*

All [ENZYME/Swiss-Prot](#) entries corresponding to 3.5.1.- 

All [ENZYME/Swiss-Prot](#) entries corresponding to 3.5.-

All [ENZYME/Swiss-Prot](#) entries corresponding to 3.-

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